

IN THE ABSTRACT:

~~There are provided a~~ A liquid drop discharging head includes a matrix array head that can reduce variations in a print density ~~easily caused by a matrix array head~~ without reducing a recording speed. A liquid drop discharging device provided with this liquid drop discharging head ~~[[and]]~~ can realize compatibility between recording an image at high ~~speeds~~ speed and recording the ~~image at high quality image levels and a liquid drop discharging device provided with this liquid drop discharging head.~~ Ejectors are disposed alternately ~~arranged in such a way that dots formed to form dots~~ on a recording medium that are arranged in the order of alternating ~~[[the]]~~ ejectors such as A, E, B, F, C, G, D, and H. The dots ~~[[each]]~~ having a relatively large diameter and the dots ~~[[each]]~~ having a relatively small diameter are mixedly ~~arranged~~ disposed in a sub-scanning direction at predetermined pitches. ~~This can~~ Mixed arrangement of dots increases ~~increase a~~ space frequency ~~[[of]]~~ variations in a print density ~~[[in]]~~ along the sub-scanning direction, ~~[[and]]~~ ~~hence make~~ thus, making it difficult for the human eye ~~eyes become hard~~ to sense the density variations ~~in the print density,~~ and thereby being capable of ensuring a high uniformity in a recorded result. ~~Therefore it is also possible to arrange the ejectors at high densities and to record the image at high speeds.~~